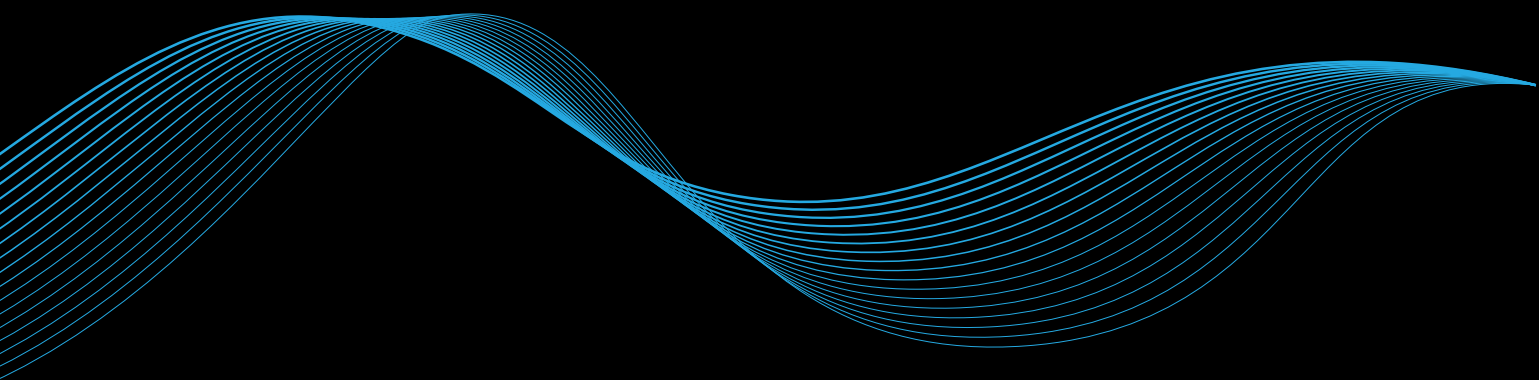
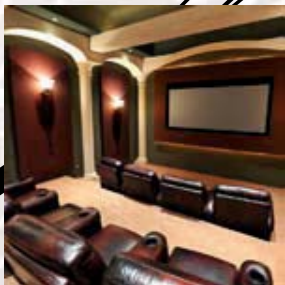




 **IT'S TIME TO GO WIRELESS.**

2010 Product Guide



Home Theater



Banquets/Conferences



Backyard/Patio



Houses of Worship



Mobile Events/DJs

Imagine...

being able to take any wired audio system and make it wireless. The freedom of being able to put speakers anywhere in a house, recording studio, conference room or outdoor venue without having to run wiring can now be a reality. In past years, wireless audio has had a reputation of not delivering the best sound quality. That may have been the case for other wireless solutions, but not for Airfonix™ wireless audio products. Airfonix marks the beginning of a new era in wireless audio where sound quality no longer has to be sacrificed in order to achieve the freedom of wireless speakers.

Airfonix products offer several unique features that set them apart from other wireless audio products. Airfonix products are designed to mount neatly to any passive or active speaker thereby bringing the freedom of wireless capability to any wired audio system. The products are completely weatherized making them ideal for indoor or outdoor use. They deliver uncompressed, 24-bit wireless HDTV-compliant audio at 48-KHz sampling rate to both passive and active speakers. Airfonix products boast Smart Channel capability, an innovative technology that automatically searches for and selects an un-congested wireless channel, making the products virtually impervious to interference from other co-located wireless equipment. The result is clean, true HDTV audio delivered wirelessly with the industry's most sophisticated transmission system developed especially for the stringent demands of professional users and audiophiles. Because of Smart Channel technology and the ability to deliver 24-bit uncompressed digital audio, even the most demanding professional user will be able to experience the flexibility and set-up time savings that Airfonix wireless audio products offer without having to worry about any dropped signals or loss of audio quality.

AFX-19PT102

Two-Channel Transmitter with RCA Line-in,
Dual High-Level Input Jacks and S/PDIF Input



Product Description

Airfonix™ AFX-19PT102 is a wireless two-channel transmitter specifically designed for the audio professional. It features two-way S/PDIF coaxial/optical and high-level input source connectivity transmission. AFX-19PT102 provides wireless connectivity transmission from any audio source to any active or passive Airfonix receiver to create a complete wireless professional audio system with unparalleled sound quality.

Key Features

- Smart Channel selection automatically avoids interference with other wireless equipment in the home
- Dual-band 2.4/4.9-5.8 GHz operation
- Two-way S/PDIF coaxial/optical and high-level input source connectivity transmission
- Rugged weatherized industrial aluminum die cast chassis designed to be used for outdoor applications
- Perfect for wireless conductivity transmission from any audio source to any active or passive Airfonix receiver
- Universal power supply
- FCC and UL-CE approved
- Full function wireless remote control
- 4-color display packaging
- Compact size and Euro styling compliments any usage environment
- Supports S/PDIF digital audio interface for system design flexibility
- One transmitter simultaneously streams high-quality digital audio to two full-range speakers
- Factory-programmable world-wide license-free bands allow one product design to meet the requirements of multiple markets (see table below)
- User-friendly solution requires no firmware drivers or setup

Applications

- Home Theater
- Mobile Events/DJs
- Concert Halls
- Amphitheaters
- Recording Studios
- Auditoriums
- Hotels/Resorts
- Corporate Campuses
- Houses of Worship

World-wide License-Free Bands

MPHPT (Japan)	2400-2483 MHz 5150-5250 MHz	4900-5000 MHz
FCC (N. America)	2400-2483 MHz 5725-5850 MHz	5150-5250 MHz
CEPT (Europe)	2400-2483 MHz	5150-5250 MHz
CRSA (China)	2400-2483 MHz	5725-5850 MHz



AFX-19PT102 - Front View



AFX-19PT102 - Top View



AFX-19PT102 - Bottom View



Specifications

Features

Dimensions

Weight

Inputs

RF Performance

Frequency of Operation

Channel Spacing

Transmitter Output Power

Range

Audio Quality

Pulse-code Modulation (PCM) bits

Sampling rates

Frequency offset

RF Latency

Remote Control

Security

Operating Temperature

Certification

Accessories

Packaging

Performance

Width: 158mm, Height: 51mm, Depth: 85mm

0.35 Kg, 0.77 lbs

RCA line in, Dual High-level input (spring terminal), and coaxial/optical S/PDIF

License-free bands (see table)

20 MHz

15 dBm, typical

50m minimum for one-room applications, up to 100m for line-of-sight applications

Up to 24-bits per channel for stereo, compatible with 16-bits stereo

Accepts 44.1 and 48 kHz

Less than one audio sample, or 22 μ s, delay between links independent left and right receivers

9 ms

Pairing, power, volume, source select, mute

6 Bytes (48 bits) of IEEE 802.3-like MAC address

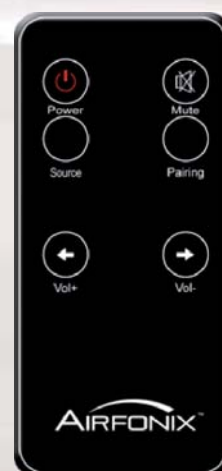
0° to +60° C

UL/ULC/CE Certified

Universal power supply, antenna, stand

4-color display box

AFX-19PT102 - Remote Control



AFX-19PT102
MSRP:\$529.99

AFX-19PT002

Two-Channel Transmitter with
Dual Balanced Input Jacks



Product Description

Airfonix™ AFX-19PT002 is a wireless two-channel transmitter specifically designed for the audio quality and durability needs of audio professionals. It features balanced and low-level input source connectivity transmission. AFX-19PT002 provides wireless connectivity transmission from any audio source to any active or passive Airfonix receiver to create a complete wireless professional audio system with unparalleled sound quality.

Key Features

- Smart Channel selection automatically avoids interference with other wireless equipment in the home
- Dual-band 2.4/4.9-5.8 GHz operation
- Balanced and low-level input source connectivity transmission output
- Rugged weatherized industrial aluminum die cast chassis designed to be used for outdoor applications
- Perfect for wireless conductivity transmission from any audio source to any active or passive Airfonix receiver
- Universal power supply
- FCC and UL-CE approved
- Full function wireless remote control
- 4-color display packaging
- Compact size and Euro styling compliments any usage environment
- One transmitter simultaneously streams high-quality digital audio to two full-range speakers
- Factory-programmable world-wide license-free bands allow one product design to meet the requirements of multiple markets (see table below)
- User-friendly solution requires no firmware drivers or setup

Applications

- Recording Studios
- Mobile Events/DJs
- Concert Halls
- Amphitheaters
- Auditoriums
- Hotels/Resorts
- Corporate Campuses
- Houses of Worship

World-wide License-Free Bands

MPHPT (Japan)	2400-2483 MHz 5150-5250 MHz	4900-5000 MHz
FCC (N. America)	2400-2483 MHz 5725-5850 MHz	5150-5250 MHz
CEPT (Europe)	2400-2483 MHz	5150-5250 MHz
CRSA (China)	2400-2483 MHz	5725-5850 MHz



AFX-19PT002 - Front View



AFX-19PT002 - Top View



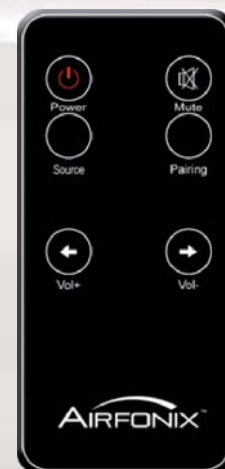
AFX-19PT002 - Bottom View



Specifications

Features	Performance
Dimensions	Width: 158mm, Height: 51mm, Depth: 85mm
Weight	0.35 Kg, 0.77 lbs
Inputs	RCA line in, XLR balanced IN
RF Performance	
Frequency of Operation	License-free bands (see table)
Channel Spacing	20 MHz
Transmitter Output Power	15 dBm, typical
Range	50m minimum for one-room applications, up to 100m for line-of-sight applications
Audio Quality	
Pulse-code Modulation (PCM) bits	Up to 24-bits per channel for stereo, compatible with 16-bits stereo
Sampling rates	Accepts 44.1 and 48 kHz
Frequency offset	Less than one audio sample, or 22 µs, delay between links independent left and right receivers
RF Latency	9 ms
Remote Control	Pairing, power, volume, source select, mute
Security	6 Bytes (48 bits) of IEEE 802.3-like MAC address
Operating Temperature	0° to +60° C
Certification	UL/ULC/CE Certified
Accessories	Universal power supply, antenna, stand
Packaging	4-color display box

AFX-19PT002 - Remote Control



AFX-19PT002
MSRP:\$549.99

AFX-19AR050

Active 50W Mono/25+25W Stereo
Wireless Receiver



Product Description

Airfonix™ AFX-19AR050 is a rugged wireless receiver with a built-in 50W RMS digital amplifier. It is designed to retrofit any indoor or outdoor passive speaker requiring up to 100W of power. When paired together with an Airfonix wireless transmitter, AFX-19AR050 creates a complete wireless professional audio system.

Key Features

- Smart Channel selection automatically avoids interference with other wireless equipment in the home
- Analog gold plated 5-way binding post output connectivity
- Dual-band 2.4/4.9-5.8 GHz operation
- Analog gold plated banana speaker jack output connectivity
- Rugged weatherized industrial aluminum Die cast chassis designed to be used for outdoor applications
- Wireless conductivity eliminates need to hard wire speakers up to 50 meters away
- Universal power supply
- FCC and UL-CE approved
- 4-color display packaging
- Compact size and Euro styling compliments any usage environment
- Supports S/PDIF digital audio interface for system design flexibility
- One transmitter simultaneously streams high-quality digital audio to two full-range speakers
- Factory-programmable world-wide license-free bands allow one product design to meet the requirements of multiple markets (see table below)
- User-friendly solution requires no firmware drivers or setup

Applications

- Home Theater
- Mobile Events/DJs
- Concert Halls
- Amphitheaters
- Recording Studios
- Auditoriums
- Hotels/Resorts
- Corporate Campuses
- Houses of Worship

World-wide License-Free Bands

MPHPT (Japan)	2400-2483 MHz 5150-5250 MHz	4900-5000 MHz
FCC (N. America)	2400-2483 MHz 5725-5850 MHz	5150-5250 MHz
CEPT (Europe)	2400-2483 MHz	5150-5250 MHz
CRSA (China)	2400-2483 MHz	5725-5850 MHz



AFX-19AR050 - Front View



AFX-19AR050 - Top View



AFX-19AR050 - Bottom View



AFX-19AR050 - Docked to Passive Speaker



Specifications

Features

Dimensions

Weight

Outputs

Digital Amplifier Rating

MONO Mode

Stereo Mode

RF Performance

Frequency of Operation

Channel Spacing

Transmitter Output Power

Range

Audio Quality

Pulse-code Modulation

(PCM) bits

Sampling rate

THD+N/SNR @ Analog I/O

Frequency offset

Frequency response

S/N

RF Latency

Security

Operating Temperature

Certification

Accessories

Packaging

Performance

Width: 158mm, Height: 51mm, Depth: 131mm

0.55 Kg, 1.21 lbs

5-way binding posts

50 watts RMS/mono at less than 1%THD rated at 20 to 20 KHz

25 watts RMS/ch at less than 1%THD rated at 35 to 20KHz

License-free bands (see table)

20 MHz

15 dBm, typical

50m minimum for one-room applications, up to 100m for line-of-sight applications

Up to 24-bits per channel for stereo, compatible with 16-bits stereo

Accepts 44.1 and 48 kHz

Tx to Rx, THD+N = 0.4% (25W)

Less than one audio sample, or 22 μ s, delay between links independent left and right receivers

20Hz~20KHz +/-0.5dB

A-weighted better than 90dB@full scale

9 ms

6 Bytes (48 bits) of IEEE 802.3-like MAC address

0° to +60° C

UL/ULC/CE Certified

Universal power supply, antenna, weather shield, stand

4-color display box

AFX-19AR050
MSRP:\$599.99

AFX-19PR001

Passive Dual-Channel Wireless Receiver
with Dual Balanced Output



Product Description

Airfonix™ AFX-19PR001 is a rugged, dual-channel wireless receiver featuring balanced and low-level source connectivity reception and output. It is designed to retrofit any active speaker or studio monitor to enable wireless reception of uncompressed, 24-bit digital audio. When paired together with an Airfonix wireless transmitter, the AFX-19PR001 creates a complete wireless professional audio system.

Key Features

- Smart Channel selection automatically avoids interference with other wireless equipment in the home
- Balanced and low-level source connectivity reception and output
- Dual-band 2.4/4.9-5.8 GHz operation
- Rugged weatherized industrial aluminum die cast chassis designed to be used for outdoor applications
- Perfect for wireless conductivity from any audio source to any active and/or studio monitor speaker
- Universal power supply
- FCC and UL-CE approved
- Full function remote control
- 4-color display packaging
- Compact size and Euro styling compliments any usage environment
- One transmitter streams high-quality digital audio to two full-range speakers
- Factory-programmable world-wide license-free bands allow one product design to meet the requirements of multiple markets (see table below)
- User-friendly solution requires no firmware drivers or setup

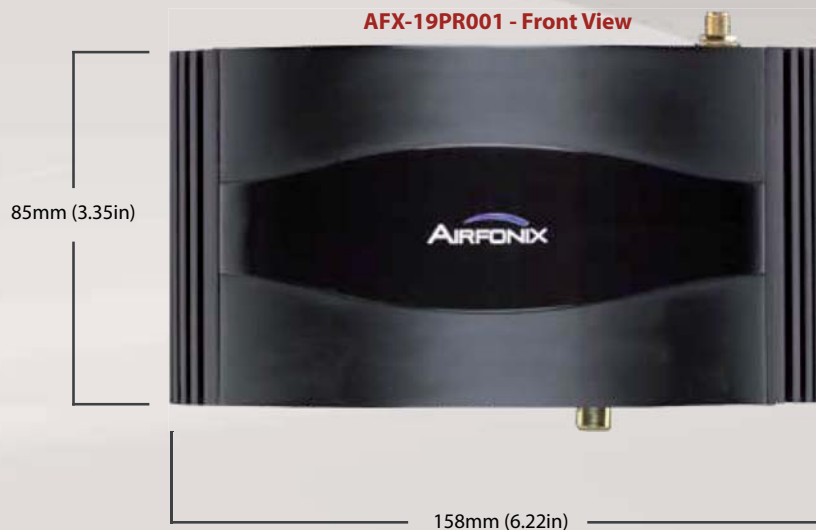
Applications

- Recording Studios
- Mobile Events/DJs
- Concert Halls
- Amphitheaters
- Auditoriums
- Hotels/Resorts
- Corporate Campuses
- Houses of Worship

World-wide License-Free Bands

MPHPT (Japan)	2400-2483 MHz 5150-5250 MHz	4900-5000 MHz
FCC (N. America)	2400-2483 MHz 5725-5850 MHz	5150-5250 MHz
CEPT (Europe)	2400-2483 MHz	5150-5250 MHz
CRSA (China)	2400-2483 MHz	5725-5850 MHz





Specifications

Features

Dimensions

Weight

Outputs

RF Performance

Frequency of Operation

Channel Spacing

Transmitter Output Power

Range

Audio Quality

Pulse-code Modulation (PCM) bits

Sampling rate

Frequency offset

Frequency response

S/N

RF Latency

Security

Operating Temperature

Certification

Accessories

Packaging

Performance

Width: 158mm, Height: 51mm, Depth: 85mm

0.35 Kg, 0.77 lbs.

RCA line out, XLR balanced OUT

License-free bands (see table)

20 MHz

15 dBm, typical

50m minimum for one-room applications, up to 100m for line-of-sight applications

Up to 24-bits per channel for stereo, compatible with 16-bits stereo

Accepts 44.1 and 48 kHz

Less than one audio sample, or 22 μ s, delay between links independent left and right receivers

20Hz~20KHz +/-0.5dB

A-weighted better than 90dB@full scale

9 ms

6 Bytes (48 bits) of IEEE 802.3-like MAC address

0° to +60° C

UL/ULC/CE Certified

Universal power supply, antenna, weather shield, stand

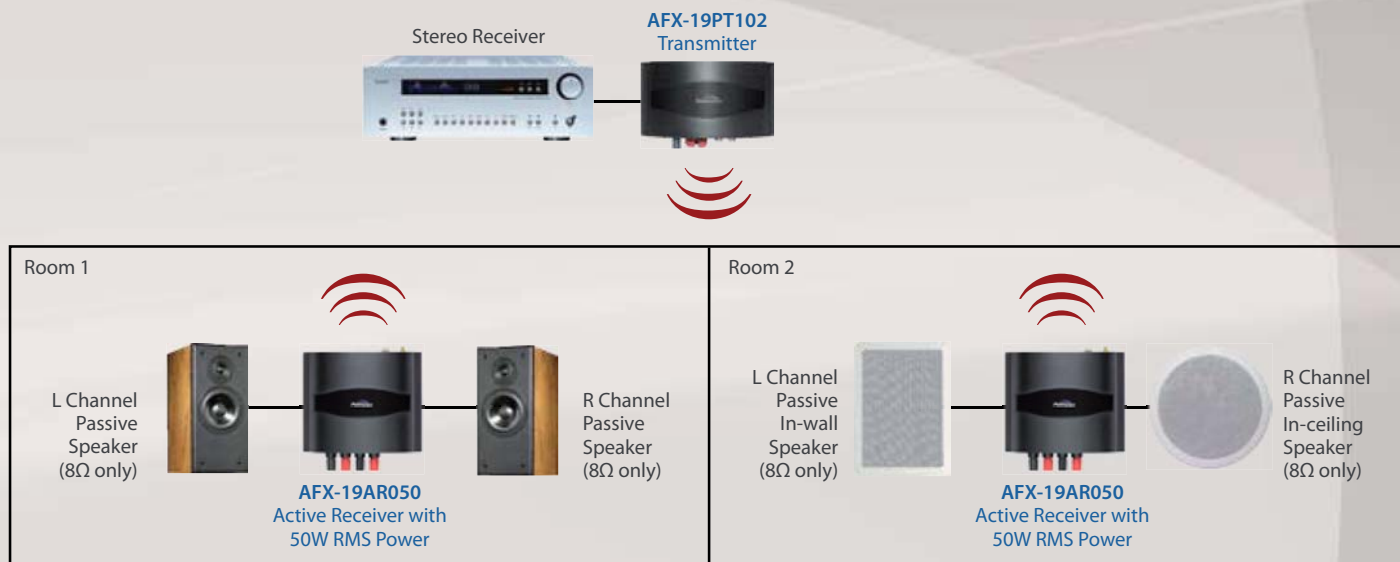
4-color display box

AFX-19PR001 - Docked to Active Speaker



AFX-19PR001
MSRP:\$499.99

Wireless Multi-room 2.0 Audio Solution with Active Receivers



Wireless 2.0 Audio Surround Solution with Passive Receivers



Wireless 2.0 Pro Audio Solution

